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Reni Ivanova* (rivanova@hawaii.edu), 200 W. Kawili Str., Hilo, HI 96720. *On the Weibull manifolds from a geometric point of view.*

In this study we present some of the main geometric characteristics of the Weibull manifolds such as geodesic distance, differential equations of geodesics, Gauss curvature, and scalar curvature. (Received November 28, 2011)